
Quality Criteria

Resource: Soil

Consideration: Erosion

Sheet and Rill	**The soil loss tolerance "T Value" for the soil or map unit component listed in Section II of the Indiana Field Office Technical Guide is not exceeded.**
Wind	**The soil loss tolerance "T Value" for the soil or map unit component listed in Section II of the Indiana Field Office Technical Guide is not exceeded.**
Sheet - Rill and Wind	**The combined soil loss for both sheet, rill and wind does not exceed the soil loss tolerance "T Value" for the soil or map unit component listed in Section II of the Indiana Field Office Technical Guide.**
Ephemeral Gully - Concentrated Flow	**Ephemeral - concentrated flow channels are stabilized.**
Classic Gully	**Gully bottoms, headcutting, and sidewalls are stabilized.**
Streambank	**Streambanks are stabilized.**
Irrigation Induced	**Water is applied in a manner that does not cause erosion.**
Soil Mass Movement	**Mass movement does not exceed natural conditions and actions of the client do not contribute to the problem.**
Roadbanks, Construction Sites, and scoured areas	**Roadbanks are stabilized. Constructions sites are stabilized and overland and channel flows are safely conveyed. Scoured areas: overland flow channels are stabilized considering flow velocity, depth, and probability of occurrence.**

Consideration: Condition

Soil tilth, crusting, water infiltration, organic material	**For cropland use, the actions of the client improve an identified tilth problem. For other land uses, soil condition does not impair the growth and vigor of the plant species of concern.**
Soil Compaction	**Management induced compacted zones are absent, or are present at levels that do not limit plant growth and/or water and air movement where plant production is the desired land use.**
Soil contaminants from excess chemicals	**Soil contaminants are absent or present at levels which do not adversely affect other resources or restrict use of the land.**
Soil contaminants from excess animal waste and other organics	**Soil contaminants are absent or present at levels which do not adversely affect other resources or restrict use of the land.**
Soil contaminants from excess fertilizer	**Soil contaminants are absent or present at levels which do not adversely affect other resources or restrict use of the land.**
Soil contaminants from excess pesticides	**Soil contaminants are absent or present at levels which do not adversely affect other resources or restrict use of the land.**
Other - pH	**pH is adjusted to within ranges for 1) proper nutrient uptake by desired plants, and 2) proper functioning of applied pesticides.**

Consideration: Deposition

On-Site / Off-Site Damage	**On-Site and off-site deposition does not alter the plant-soil moisture relationships, damage property, cause physical damage to plants off-site, cause physical damage to vegetation on-site at levels that are unacceptable to the client, or limit the intended use of the soil.**
Safety - On-Site / Off-Site	**On-site and off-site deposition is controlled to eliminate safety hazards.**